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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/004,310	11/23/2001	Jenq-Neng Hwang	HMTG01	5207

7590

09/30/2004

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EXAMINER

PAULA, CESAR B

ART UNIT

PAPER NUMBER

2178

DATE MAILED: 09/30/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/004,310

Applicant(s)

HWANG ET AL.

Examiner

CESAR B PAULA

Art Unit

2178

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 November 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 November 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

DETAILED ACTION

1. This action is responsive to the application filed on 11/23/2001.

This action is made Non-Final.

2. Claims 1-8 are pending in the case. Claim 1 is an independent claim.

Drawings

3. The drawings filed on 11/23/2001 have been approved by the examiner.

Claim Objections

4. Claim 8 is objected to because of the following informalities: “a process to keep track the conversion status”. This should read better as “a process to keep track of the conversion status”. Appropriate correction is required.

Claim Rejections - 35 USC § 112

5. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

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6. Claims 2, and 5 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claim 2 recites "This support can be for the multiple documents" line 3. The phrase "can be" is vague, because it might or might not perform the support.
7. Claims 2, and 5 recite the limitation "the same meeting" in claim 2, lines 3-4. There is insufficient antecedent basis for this limitation in the claim. There is no previous "same meeting" to refer to in this claim or claim it depends from.
8. Claim 5 recites the limitation "the communication method" in claim 2, lines 3-4. There is insufficient antecedent basis for this limitation in the claim. There is no previous "same meeting" to refer to in this claim or claim it depends from. However, claim 2 recites a "communication interface" lines 2-3.
9. Claims 6-7 recite the limitation "the newly arriving jobs" in lines 2-3. There is insufficient antecedent basis for this limitation in the claim. There is no previous "newly arriving jobs" to refer to in this claim or claim it depends from.
10. Claims 6-7 recite the limitation "the assigned priority" in lines 2-3. There is insufficient antecedent basis for this limitation in the claim. There is no previous "assigned priority" to refer to in this claim or claim it depends from.

Claim Rejections - 35 USC § 102

11. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

12. Claims 1-8 are rejected under 35 U.S.C. 102(e) as being anticipated by Halahmi (Pat.# 2003/0023637, 1/30/2003, filed 2/28/2001).

Regarding independent claim 1, Halahmi discloses a web browser or agent for requesting, from a document source—*means to receive outside agent document conversion request--*, a document to be displayed in the browser's format. The document source, then sends the requested document to a conversion server for converting the document into a format compatible with the browser (0035, fig.1).

Moreover, Halahmi discloses the conversion server using specific converters for converting specific-format portions or modules in the document, into a format compatible with the browser (0037-0039, 0041). In other words, the conversion server determines (*arranges* the converters that are to be implemented for converting the particular order in which the modules are submitted to the server), and calls the specific converters which are to convert the modules in an associated format understood by the converters—*means for calling different conversion engines*.

Regarding claim 2, which depends on claim 1, Halahmi discloses the streamed conversion of documents using multiple format-specific converters for simultaneously support document modules conversion server using a plurality of specific converters for converting specific-format portions or modules in the document, into a format compatible with the browser. Each converter handles a specific format (0038-0039, 0041).

Regarding claim 4, which depends on claim 1, Halahmi discloses the conversion server using a plurality of specific converters for converting specific-format portions or modules in the document, into a format compatible with the browser. Each converter handles a specific format (0038-0039, 0041).

Regarding claim 5, which depends on claim 2, Halahmi discloses the conversion takes place on the fly—*real-time conversion*-- or before a request is made (0038-0039, 0041).

Regarding claim 6, which depends on claim 3, Halahmi discloses a buffer for queuing incoming conversion requests, in order to answer requests sequentially—*based on assigned priority*-- (0042). In this case the buffer allows the conversion engines to place conversion jobs in the queue or waiting list, when the engines are already working on another job.

Regarding claim 7, which depends on claim 3, Halahmi discloses a buffer for queuing incoming conversion requests, in order to answer requests sequentially—*based on assigned*

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priority-- (0042). In this case the buffer allows the conversion engines to place conversion jobs in the queue or waiting list, when the engines are already working on another job.

Regarding claim 8, which depends on claim 3, Halahmi discloses a buffers for queuing incoming conversion requests, in order to answer requests sequentially, and non-sequentially of a document which goes through several stages of conversion (0042, fig.2B). In this case the buffer allows the conversion engines to skip one job and take another job, thus tracking which jobs is to be prioritized.

Conclusion

I. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Brid et al. (Pat. # 2002/0143822), Thum et al. (Pat. # 6,616,700), Cromarty et al. (Pat. # 6,393,442), Hill et al. (Pat. # 6,023,714), Patton (Pat. # 2003/0051164), Baker et al. (Pat. # 6,185,591), and Fox et al, **Adapting to Network and Client Variability via On-Demand Dynamic Distillation**, ACM, pp. 160-170, 1996.

II. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cesar B. Paula whose telephone number is **(703) 306-5543** (

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(571) 272-2148 as of 10/12/04). The examiner can normally be reached on Monday through Friday from 8:00 a.m. to 4:00 p.m. (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Hong, can be reached on (703) 308-5465 ((571) 272-4124 as of 10/12/04). However, in such a case, please allow at least one business day.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900.

Any response to this Action should be mailed to:

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Or faxed to:

- **(703) 703-872-9306**, (for **all** Formal communications intended for entry)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).



CESAR B PAULA
Patent Examiner
Art Unit 2178

9/28/04